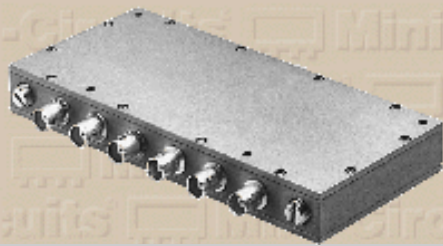


# Power Splitter



Notes:

- Non-catalog model. Please consult factory for price and delivery.
- General Quality Control Procedures and Environmental Specifications are given in [Mini-Circuits Guarantees Quality](#). Hi-Rel, MIL description are given in [Hi-Rel and MIL](#)
- Prices and Specifications subjects to change without notice.

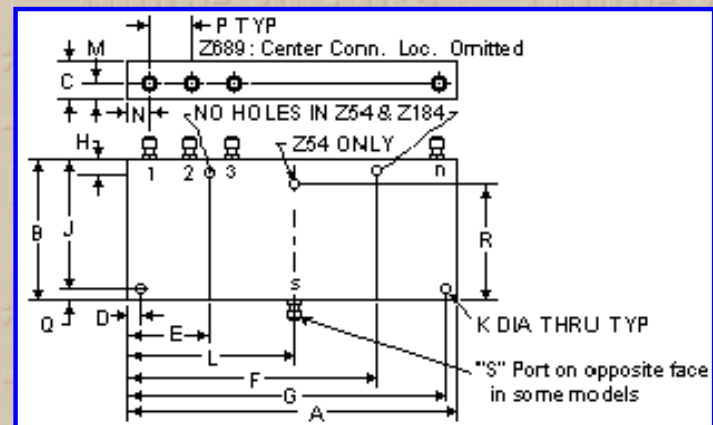
## ZN6PD-ED6515A/2 6 Way-0°

Frequency MHz	Isolation, dB						Insertion Loss, dB Above 7.8dB						Phase Unbalance Degrees			Amplitude Unbalance, dB		
	L		M		U		L		M		U		L	M	U	L	M	U
$f_L - f_U$	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Max.	Max.	Max.	Max.	Max.	
312-1884																		

L=low range( $f_L$  to  $10f_L$ ) M=mid range( $10f_L$  to  $f_U/2$ ) U=upper range( $f_U/2$  to  $f_U$ )

### Pin Connections

Port	Sum	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6
bn	S	1	2	3	4	5	6



### Case Style - Z259 (inch,mm) weight: 800 grams.

A	B	C	D	E	F	G	H	J
7.06	3.13	.88	.250	1.750	5.310	6.810	.250	2.875
179.324	79.502	22.352	6.350	44.450	134.874	172.974	6.350	73.025
K	L	M	N	P	Q	R	S	T
.144	3.53	.44	1.31	.89				
3.658	89.662	11.176	33.274	22.606				

Tolerance: .x ± .1 .xx ± .03 .xxx ± .015 inch.

Material and Finish:

Case material: aluminum alloy. Finish: iridite per MIL-C-5541

Marking:

Consecutive marking, n = no. of way power-splitter.

Connectors:

Connectors: Female BNC standard. Type N or SMA consult factory.

FREQ (MHz)	Insertion Loss			Amplitude Unbalance (dB)	Isolation		Phase Unbalance (Degrees)	FREQ (MHz)	VSWR S	VSWR 1	VSWR 3
	(dB) S-1	(dB) S-3	(dB) S-5		(dB) 1-2	(dB) 3-4					
312.00	8.38	8.33	8.45	0.190	12.68	24.27	0.52	312.00	1.97	1.25	1.22
346.00	8.18	8.13	8.26	0.190	13.94	24.90	0.45	346.00	1.66	1.18	1.16
380.00	8.06	8.00	8.14	0.190	15.27	25.66	0.45	380.00	1.44	1.16	1.14
414.00	8.01	7.96	8.08	0.180	16.64	26.60	0.51	414.00	1.32	1.15	1.13
448.00	8.01	7.96	8.10	0.190	18.02	27.70	0.49	448.00	1.30	1.11	1.10
482.00	8.03	7.98	8.12	0.180	19.38	29.00	0.51	482.00	1.32	1.10	1.10
516.00	8.05	8.01	8.14	0.180	20.71	30.55	0.54	516.00	1.35	1.10	1.10
550.00	8.09	8.04	8.17	0.180	22.07	32.32	0.54	550.00	1.38	1.07	1.08
560.00	8.09	8.05	8.19	0.180	22.48	32.89	0.50	560.00	1.38	1.06	1.08
580.00	8.09	8.05	8.18	0.180	23.34	34.16	0.61	580.00	1.38	1.06	1.08
600.00	8.09	8.05	8.17	0.170	24.28	35.56	0.62	600.00	1.37	1.06	1.08
610.00	8.08	8.04	8.17	0.180	24.79	36.34	0.64	610.00	1.36	1.06	1.08
714.00	8.05	8.01	8.13	0.170	33.80	47.02	0.69	714.00	1.23	1.04	1.07
818.00	8.05	8.02	8.14	0.160	34.14	42.59	0.88	818.00	1.14	1.05	1.06
922.00	8.09	8.06	8.19	0.150	26.19	39.69	1.07	922.00	1.19	1.08	1.05
1026.00	8.14	8.11	8.24	0.130	23.67	40.07	1.08	1026.00	1.27	1.08	1.04
1130.00	8.18	8.13	8.26	0.130	22.99	42.24	1.16	1130.00	1.28	1.08	1.05
1234.00	8.25	8.20	8.32	0.120	23.35	45.96	1.15	1234.00	1.21	1.11	1.08
1338.00	8.33	8.26	8.37	0.110	24.14	52.09	1.23	1338.00	1.24	1.12	1.10
1442.00	8.36	8.29	8.40	0.130	24.23	55.35	1.42	1442.00	1.29	1.08	1.07
1546.00	8.33	8.27	8.38	0.180	23.52	41.04	1.49	1546.00	1.27	1.05	1.08
1650.00	8.31	8.26	8.38	0.240	22.42	33.53	1.66	1650.00	1.09	1.05	1.08
1660.00	8.31	8.26	8.38	0.230	22.19	32.97	1.67	1660.00	1.08	1.05	1.07
1680.00	8.33	8.28	8.40	0.250	21.63	31.96	1.74	1680.00	1.10	1.08	1.07
1700.00	8.35	8.30	8.42	0.250	20.96	31.03	1.82	1700.00	1.16	1.10	1.10
1710.00	8.36	8.32	8.43	0.250	20.58	30.58	1.72	1710.00	1.20	1.10	1.11
1739.00	8.41	8.37	8.48	0.270	19.44	29.40	1.86	1739.00	1.34	1.10	1.12
1768.00	8.50	8.46	8.55	0.290	18.27	28.36	2.00	1768.00	1.48	1.10	1.10
1797.00	8.61	8.57	8.66	0.310	17.19	27.45	2.10	1797.00	1.63	1.13	1.12
1826.00	8.74	8.71	8.78	0.310	16.24	26.62	2.20	1826.00	1.78	1.14	1.15
1855.00	8.88	8.86	8.93	0.340	15.44	25.86	2.34	1855.00	1.92	1.15	1.16
1884.00	9.02	9.01	9.05	0.350	14.78	25.14	2.48	1884.00	2.04	1.18	1.17



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